

DEC 21 2007

Serial No.: 10/780,302

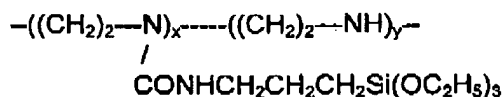
Art Unit: 1724

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

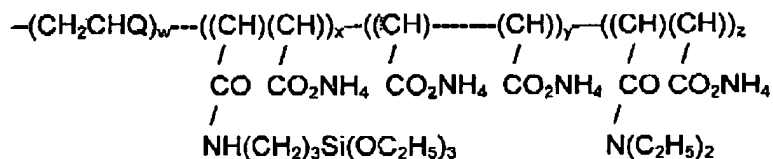
Complete Listing of Claims:

8. (Previously Presented) A polymer for use in the reduction of aluminosilicate containing scale according to the formula:



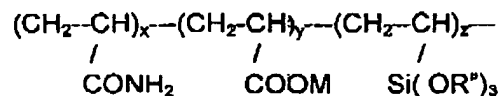
where $x = 0.5-20\%$, $y = 99.5-80\%$.

9. (Previously Presented) A polymer for use in the reduction of aluminosilicate containing scale according to the formula:



where $w = 1-99.9\%$, $x = 0.1-50\%$, $y = 0-50\%$, $z = 0-50\%$; and
Q is phenyl.

10. (Previously Presented) A polymer for use in the reduction of aluminosilicate containing scale according to the formula:



where:

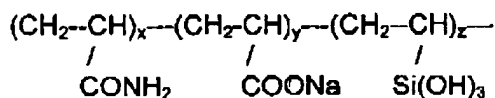
$x = 1-99\%$, $y = 1-99\%$, $z = 0.5-20\%$ and

Serial No.: 10/780,302
Art Unit: 1724

M = Na, K, NH₄; and

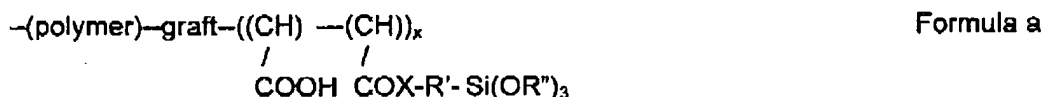
R" = H, C1-C3 alkyl, aryl, Na, K or NH₄.

11. (Previously Presented) The polymer in accordance with claim 10 according to the formula:



where: x = 1-99%, y = 1-99%, z = 0.5-20%.

12. (Currently Amended) A polymer for use in the reduction of aluminosilicate containing scale, wherein the polymer is a water soluble graft copolymer of Formula a or Formula b:



where x = 0.1 - 99% (as percentage of monomer units in the polymer) and
X = NH, NR' or O;
R' = C1-C10 alkyl, or aryl and
R" = H, C1-C3 alkyl, aryl, Na, K or NH₄.

13. (Currently Amended) ~~The polymer in accordance with claim 12 according to the formula:~~ A polymer for use in the reduction of aluminosilicate containing scale, wherein the polymer is:

